Operating instructions for Brewer Science hot plate

1. Adjust the pins to fit your wafer size. Turn the main switch on. The hot plate will start to heat instantly to reach the temperature set by previous user.
2. Press “RUN”, “#” of the program you want to load, and “ENTER”. (Programs are numbered from 0 to 9.)
3. “SETTING TEMPERATURE” will appear on the display. Wait until the desired temperature is reached and “READY-PRESS START” message appears. If desired, turn “N₂ atmosphere” on.
4. Press “START” and hold for at least one second. The program will start. Each program contains a sample load step (5 seconds recommended), 1 to 3 bake steps, and sample unload step (9 seconds recommended). Each step is shown on the display as it is performed.
5. You may hit “STOP” at any time to stop the program.
6. To exit the RUN mode press “RESET”.

Setting up a new program:
1. If the display does not read “CEE --- MODEL 1100”, hit “RESET”.
2. Press “PROG” button.
3. Press “#” of the program you desire to change and “ENTER”. (Programs are numbered from 0 to 9.)
4. Using the numeric key pad, enter the desired temperature and press “ENTER”.
5. Select “PROX”, “CONT”, or “VAC” and press “ENTER”.
6. Enter the time in minutes, press “ENTER”, then in seconds, press “ENTER”.
7. Repeat steps 3 to 6 two more times to program the second and third bake steps. If no more steps are required, press “CLEAR” when the next METHOD appears on the display. When NOBKE (no bake) appears on the display press “ENTER”.
8. The programming is completed when the message “CEE --- MODEL 1100” appears.

To change load/unload times and the temperature tolerance (these changes affect all programs):
1. If the display does not read “CEE --- MODEL 1100”, hit “RESET”.
2. Press “CONF” key.
3. Enter the load time from “0” to “9” (in seconds) and hit “ENTER”.
4. Enter the unload time from “0” to “9” (in seconds) and hit “ENTER”.
5. Enter the temperature tolerance from “0.0” to “9.9” (in %) and hit “ENTER”. “0.0” shuts off the temperature checking function. Recommended temperature tolerance is 3.0%.
6. To store the new configuration, press “1” and “ENTER”.